1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1 Product Identifier

Material name : Grab It
Product code :

1.2 Relevant identified uses of the substance or mixture and uses advised against

Product use : Sealant

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: Go Pro Chemicals
Unit 5B
Molesworth Business Estate
Molesworth
Cambridgeshire
PE28 0QG

Tel. : 01832 279279

Email (for SDSs) : info@goprochemicals.co.uk

1.4 Emergency tel. no. : 01832 279279

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture
According to GB Classification, Labelling and Packaging of Substances and Mixtures Regulation (CLP):

Physical and Chemical Hazards	Not classified
Human health	Not classified
Environment	Not classified

2.2 Label elements
Labelling according to GB CLP:

Signal word: None required.
Pictograms: None required.

Hazard statements: None required.

Precautionary statements: None required.

Supplemental statements: EUH210: Safety data sheet available on request.

2.3 Other hazards: Methanol may be produced if the product comes into contact with water.
The product does not contain any vPvB or PBT substances.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures:

Hazardous components

Chemical Name	CAS No./ EC No./ Reg. No	Classification (CLP)	Content
TRIMETHOXYVINYLSILANE	2768-02-7 220-449-8 01-2119513215-52-xxxx	Flam.Liq.3; H226 Acute Tox.4; H332	1-5%
HYDROCARBONS, C15-C20, n-ALKANES, ISOALKANES, CYCLICS, <0.03% AROMATICS	- 934-956-3 012119827000-58-xxxx	Asp.Tox.1; H304	0.5-5%
3-(TRIMETHOXYSILYL)PROPYLAMINE	13822-56-5 237-511-5 01-2119510159-45-xxxx	Sk.Irrit.2; H315 Eye Dam.1; H318	1-<3%

Ingredient comments: also contains the following substances with a WEL (See Section 8): Calcium Carbonate, Titanium Dioxide, Carbon Black, Silica (amorphous).

Substance classifications are taken from the GB Mandatory Classification and Labelling (MCL) list, or if absent, from supplier's information.

See Section 16 for the full text of the H-statements noted above.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice: Remove casualty from exposure ensuring one's own safety whilst doing so. Take off any contaminated clothing and shoes/boots immediately. Never give anything by mouth to an unconscious person.

Skin contact: Wash skin thoroughly with soap and warm water. Dry skin and apply replenishing cream. Seek medical advice if irritation develops.

Eye contact: Rinse with water for 15 minutes and seek medical advice if irritation persists.

Ingestion: Rinse mouth with water and give water to drink. Do not induce vomiting. Seek medical advice.

Inhalation: No undue effects in normal circumstances, if affected remove to fresh air and seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed: May cause irritation to skin. May be irritating to respiratory system. May cause eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed: See skin and eye contact information above.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Product is non-flammable; use appropriate extinguishing media for the surrounding area.
Unsuitable extinguishing media: Not applicable.

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-fighting: Irritating/toxic fumes may be released at elevated temperatures.

5.3 Advice for fire-fighters:

Special protective equipment:	Wear self-contained breathing apparatus. Use personal protective equipment.
Further information:	Standard procedure for chemical fires. Use water spray to cool unopened containers. Do not allow fire run-off to enter drains.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe areas. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Use personal protective equipment to deal with spillage.

6.2 Environmental precautions

Contain the spillage using sufficient appropriate absorbent material. Do not discharge into drains or rivers, but if contamination to waterways has occurred, inform local authorities.

6.3 Methods and materials for containment and cleaning up

Wipe up spillage with absorbent material such as sand, earth, or vermiculite, and place in a labelled container for disposal in accordance with local/national regulations.

6.4 References to other sections: See sections 8 and 13 for personal protection and disposal information.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling: Avoid contact with skin and eyes. Handle with care.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, well ventilated area between 5°C and 25°C. Keep container tightly closed.

7.3 Specific end use(s): No information available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Chemical name	8hr TWA	15min STEL	Information	Reference
Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, <0.03% aromatics	1200 mg/m^3	-		Supplier
Methanol *	266 mg/m^3	333 mg/m^3	Sk	EH40
Calcium Carbonate	10 mg/m^3 4 mg/m^3	- -	Inhalable dust Respirable dust	EH40
Titanium Dioxide	10 mg/m^3 4 mg/m^3	- -	Inhalable dust Respirable dust	EH40
Carbon Black	3.5 mg/m^3	7 mg/m^3		EH40
Silica (amorphous)	6 mg/m^3 2.4 mg/m^3	- -	Inhalable dust Respirable dust	EH40

DNEL Information:

Area of application	Exposure route	Trimethoxyvinylsilane	3-(trimethoxysilyl) propylamine	Methanol	Titanium Dioxide
Consumer	Inhalation-Long term local effects			50 mg/m^3	
Consumer	Inhalation-Short term systemic effects	93.4 mg/m^3		50 mg/m^3	
Consumer	Inhalation-Long term systemic effects	1.04 mg/m^3	17 mg/m^3	50 mg/m^3	
Consumer	Dermal-Short term systemic effects	26.9 mg/kg/bw/day		8 mg/kg/ bw/day	
Consumer	Dermal-Long term systemic effects	0.3 mg/kg/bw/day	5 mg/kg/bw/day	8 mg/kg/ bw/day	
Consumer	Oral-Short term systemic effects			8 mg/kg/ bw/day	
Consumer	Oral-Long term systemic effects	0.3 mg/kg/bw/day	5 mg/kg/bw/day	8 mg/kg/ bw/day	700 mg/kg
Workers/Employees	Inhalation-Short term local effects			260mg/m^3	
Workers/Employees	Inhalation-Long term local effects			260mg/m^3	10 mg/m^3
Workers/Employees	Inhalation-Short term systemic effects	4.9 mg/m^3		260mg/m^3	
Workers/Employees	Inhalation-Long term systemic effects	4.9 mg/m^3	58 mg/m^3	260mg/m^3	
Workers/Employees	Dermal-Short term systemic effects	0.69 mg/kg/bw/day		40 mg/kg/ bw/day	
Workers/Employees	Dermal-Long term systemic effects	0.69 mg/kg/bw/day	8.3 mg/m^3	40 mg/kg/ bw/day	

PNEC Information:

Environment	Trimethoxyvinylsilane	3-(trimethoxysilyl) propylamine	Methanol	Titanium Dioxide
Aquatic Compartment				
Fresh water	0.34 mg/l	0.33 mg/l	154 mg/l	0.127 mg/l
Marine water	0.034 mg/l	0.033 mg/l	15.4 mg/l	1 mg/l
Water-intermittent (sporadic) release	3.4 mg/l	3.3 mg/l	1540 mg/l	0.61 mg/l
Dry Sediment – fresh water	0.27 mg/kg	1.2 mg/kg	570.4 mg/kg	1000 mg/kg
Dry Sediment – marine water	0.12 mg/kg	0.12 mg/kg	57.04 mg/kg	100 mg/kg
Terrestrial Compartment				
Dry soil	0.046 mg/kg	0.045 mg/kg	23.5 mg/kg	100 mg/kg

8.2 Exposure controls

Engineering measures: * Methanol may be formed upon contact with water or humid air; provide adequate ventilation to control exposure.

Personal protective equipment

Respiratory protection: Use respiratory protection suitable for organic vapours/dust if exposed to fumes/particulates above the WELs.

8.2 Exposure controls (continued)

Hand protection: Wear chemically resistant gloves such as butyl rubber approved to standard EN 374; material thickness 0.5mm; break through time ≥ 480 min. Gloves must be replaced after 8 hours of wear. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Check with glove manufacturer for specific advice. Sk noted above means can be absorbed through skin.

Eye protection: Tightly-fitting safety goggles or glasses conforming to European standard EN 166.

Skin and body protection: Protective overalls.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practices. Do not eat or drink whilst using the product. Wash hands before breaks and at the end of the work day. Wash contaminated clothing before re-use.

Environmental exposure controls: Do not discharge into drains or rivers.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

State and colour	Coloured paste
Odour	Characteristic, mild
Odour Threshold	Not determined
Flammability	Not determined
Flash point	Not determined
Lower explosion limit	Not determined
Upper explosion limit	Not determined
Explosive properties	Not explosive
Thermal decomposition	No data available
Auto-ignition temperature	No data available
Oxidising properties	Non-oxidising
Solubility in water	Insoluble
Solubility in other solvents	Not determined
pH	Not applicable
Melting point/range	No data available
Boiling point/range	No data available
Density	1.4-1.6
Vapour pressure	No data available
Vapour density	Not determined
Partition coefficient: n-octanol/water	Not determined
Viscosity	>7 mm^2/s (@40°C)
Evaporation rate	No data available

9.2 Other information Solvent content: Nil

10. STABILITY AND REACTIVITY

10.1 Reactivity	Generally non-reactive.
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	None if stored and used as directed.
10.4 Conditions to avoid	Extreme heat. Contamination with water.
10.5 Incompatible materials	Strong oxidising agents. Strong acids.
10.6 Hazardous decomposition products	May release Methanol on contact with water.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity: Inhalation ATE, calculated: >20 mg/l/4h

Chemical name	Oral (LD50)	Inhalation (LC50)	Dermal (LD50)
Trimethoxyvinylsilane	7120 mg/kg (Rat)	16.8 mg/l 4h (Rat)	3540 mg/kg (Rabbit)
Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, <0.03% aromatics	>5000 mg/kg (Rat)	>5266 mg/l 4h (Rat)	>3160 mg/kg (Rabbit)
3-(trimethoxysilyl)propylamine	>2000 mg/kg (Rat)	No data available	>10000 mg/kg (Rabbit)
Methanol	ATE 300mg/kg (Man)	85 mg/l 4h (Rat)	17100 mg/kg (Rabbit)
Calcium Carbonate	>2000 mg/kg (Rat)	>3 mg/l 4h (Rat)	>2000 mg/kg (Rat)
Titanium Dioxide	>5000 mg/kg (Rat)	>6.8 mg/l 4h (Rat)	>5000 mg/kg(Rabbit)
Carbon Black	>2000 mg.kg (Rat)	No data available	>3000 mg/kg (Rabbit)
Silica (amorphous)	>5000 mg/kg (Rat)	>0.691 mg/l 4h (Rat)	>2000 mg/kg (Rat)

Skin corrosion/irritation: Prolonged or repeated contact may cause irritation.

Serious eye damage/eye irritation: May cause eye irritation.

Respiratory or skin sensitisation: Not expected to cause sensitisation.

Repeated dose toxicity: No data available.

Carcinogenicity: Not carcinogenic.

Mutagenicity: Not mutagenic.

Toxicity for reproduction: Not expected to impair fertility.

Specific target organ toxicity (STOT): Inhalation of vapours may cause respiratory irritation.

Further information: The product as a whole is unlikely to cause any significant adverse effects, particularly when the advice in Sections 7 and 8 is followed.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Chemical name	Species	Test	Value
Trimethoxyvinylsilane	Daphnia Fish (Rainbow trout) Aquatic plants	48h EC50 96h LC50 EC50/LC50	168.7 mg/l 191 mg/l >100 mg/l
Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, <0.03% aromatics	Daphnia Fish Aquatic plants	48h EC50 96h LC50 EC50/LC50	>3193 mg/l >1028 mg/l >10000 mg/l
3-(trimethoxysilyl)propylamine	Daphnia Fish Aquatic plants	48h EC50 96h LC50 EC50/LC50	331 mg/l >934 mg/l >1000 mg/l
Methanol	Daphnia Fish Aquatic plants	48h EC50 96h LC50 -	>10000 mg/l 15400 mg/l No data available
Calcium Carbonate	Daphnia Fish Aquatic plants	EC50/LC50 EC50/LC50 EC50/LC50	>100 mg/l >100 mg/l >14 mg/l
Chemical name	**Species**	**Test**	**Value**

Titanium Dioxide	Daphnia Fish Aquatic plants	EC50/LC50 EC50/LC50 EC50/LC50	>100 mg/l >100 mg/l 16 mg/l
Carbon Black	Daphnia Fish Aquatic plants	EC50/LC50 EC50/LC50 EC50/LC50	>1000 mg/l >5600 mg/l >10000mg/l
Silica (amorphous)	Daphnia Fish Aquatic plants	- 96h LC50 -	No data available >10000 mg/l No data available

12.2 Persistence and degradability Partially biodegradable; inorganic components such as Calcium Carbonate are not biodegradable.
12.3 Bioaccumulative potential Low bioaccumulation potential.
12.4 Mobility in soil Insoluble in water.
12.5 Results of PBT and vPvB assessment No PBT or vPvB substances identified.
12.6 Other adverse effects No data available.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Disposal operations: Dispose of in accordance with local and national regulations. Do not dispose of waste into sewer.
Do not dispose of together with household waste. Contact licensed waste disposal company.
Empty containers should be taken to an approved waste handling site for recycling or disposal.
Do not burn or use a cutting torch on the empty container.

14. TRANSPORT INFORMATION

Not classified as hazardous for transport purposes. UN number not required.

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

UK Regulatory References
The Control of Substances Hazardous to Health Regulations 2002 (S.I 2001 No.2677) with amendments.

GB MCL (Mandatory Classification and Labelling).

Statutory Instruments
The Chemicals (Hazard information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

S.I. 2020 No. 1577: The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020.

Guidance Notes

Health and Safety Executive Workplace Exposure Limits EH40.

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been performed on this product.

16. OTHER INFORMATION

This safety data sheet is prepared in accordance with the requirements of the UK REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation - The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020. (S.I. 2020 No. 1577).

Reason for revision: regulatory references changed from Regulation (EC) No 1272/2008 (CLP) and EU REACH to GB CLP and UK REACH.

Classification and procedure used to derive the classification for mixtures according to GB CLP:

Physical hazards:	On basis of test data/Expert judgement.
Health hazards:	Calculation method
Environmental hazards:	Calculation method

Full text of H-statements referred to under sections 2 and 3

H226: Flammable liquid and vapour
H304: May be fatal if swallowed and enters airways
H315: Causes skin irritation.
H318: Causes serious eye damage
H332: Harmful if inhaled

Abbreviations and acronyms

ACGIH: American Conference of Governmental Industrial Hygienists
ATE: Acute Toxicity Estimate (Section 11).
CAS: Chemical Abstract Service (division of the American Chemical Society). {Section 3}.
DNEL: Derived No Effect Level (Section 8).
PBT: Persistent, Bioaccumulative, Toxic. (Section 12).
PNEC: Predicted No Effect Concentration (Section 8).
STEL: Short-term exposure limit. (Section 8).
STOT: Single Target Organ Toxicity (Section 11).
TWA: Time-weighted average. (Section 8).
vPvB: very Persistent and very Bioaccumulative. (Section 12).

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

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